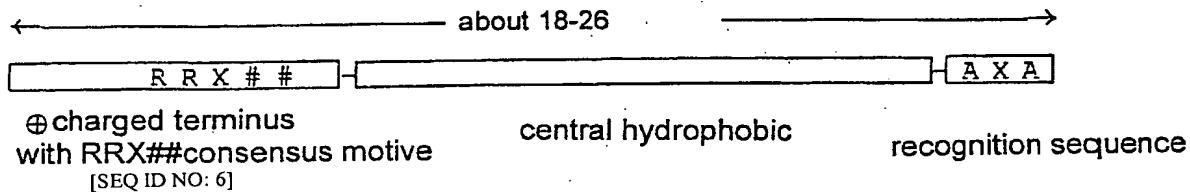


REPLACEMENT SHEET

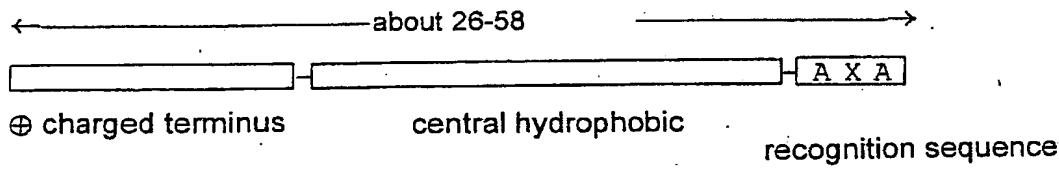
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Fig. 1

Tat dependent signal sequence



Sec, YidC and SRP dependent signal sequence



REPLACEMENT SHEET

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Fig. 2

M N N N D L F Q A R R R F I A Q L G G L T
ATGAACA ATAACGATCT CTTTCAGGCA TCACGTCTGGC ACAACTCGGC [SEQ ID NO: 8]
TACTTGT TATTGCTAGA GAAAGTCCGT AGTGCAGAACCG TGTTGAGCCG [SEQ ID NO: 9]

R R X # # -

⊕ charged N-terminus RRX##consensus motive central hydrophobic
[SEQ ID NO: 6]

V A G M L G P S L L T R R A T A [SEQ ID NO: 7]
GTGCCGGGAT GCTGGGGCGATTGTTAA CGCCGCGACG [SEQ ID NO: 10]
CACCGGCCCTA CGACCCCCGC AGTAACAATCGCTGC [SEQ ID NO: 11]

- A X A

central hydrophobic

leader peptidase
recognition sequence